



Severe Weather Outbreak Wednesday

April 12, 2022
2:37 PM

Widespread Damaging Winds, Tornadoes, Large Hail, and Flash Flooding Expected

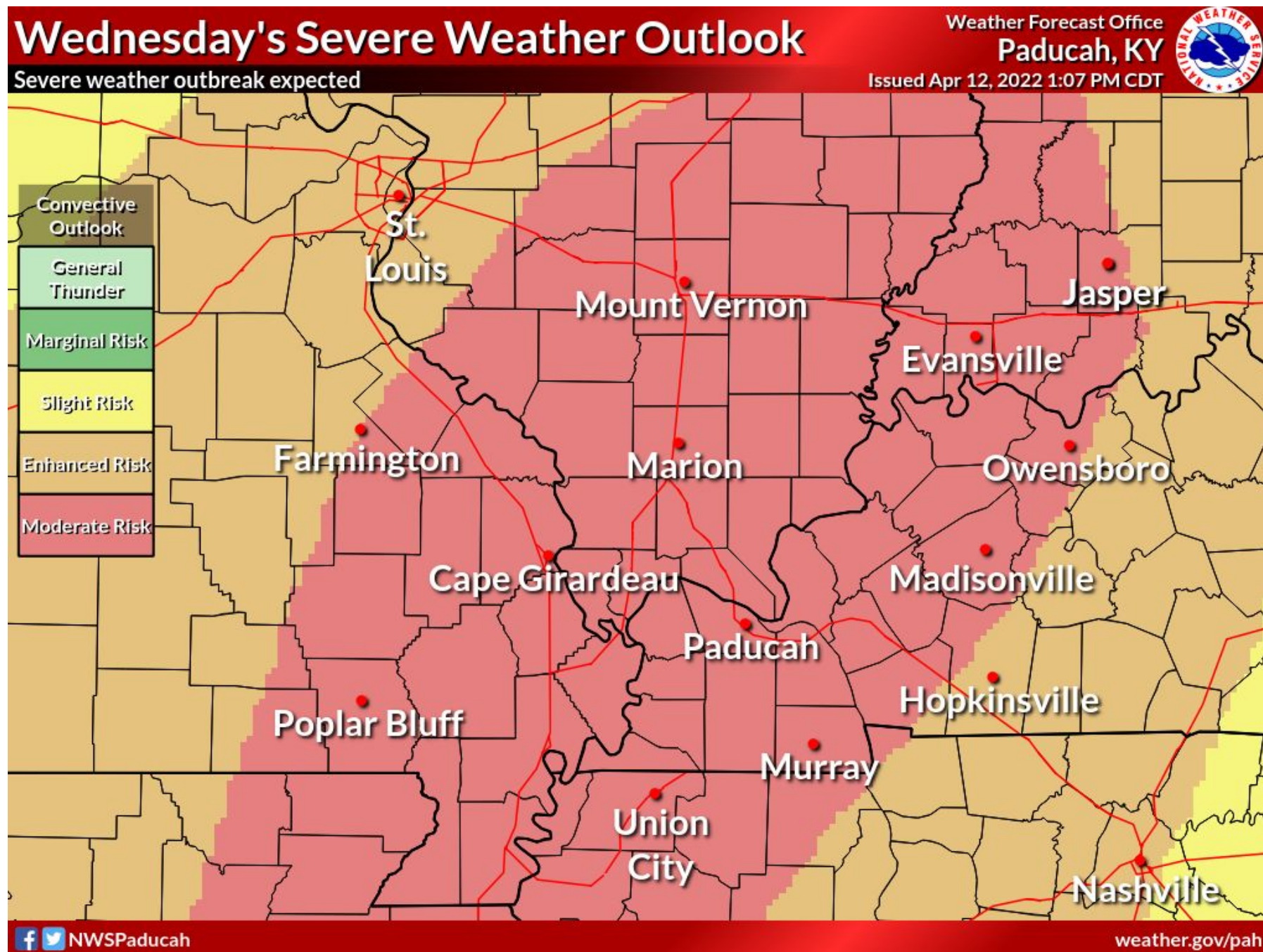
Key Messages

- Two rounds of storms are expected. The first round will occur late tonight into early Wednesday morning.
- A widespread severe weather outbreak is expected Wednesday afternoon into Wednesday evening.
- Widespread damaging winds, tornadoes (some possibly strong), and large hail expected with this second round of storms Wednesday afternoon and evening.
- Flash flooding will be possible, especially across west Kentucky.

NEW

Important Updates

- Much of the region has been added to a moderate risk of severe weather for Wednesday.
- Flood watch issued for parts of SE MO, W KY, and S IL.



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Paducah, Kentucky



Tonight's Convective Outlook

April 12, 2022
2:37 PM

Late tonight into early Wednesday morning

Key Messages

- Timing will be late tonight through early Wednesday morning.
- A couple severe storms with large hail will be possible.
- Heavy rain and flash flooding will be a concern, especially over west Kentucky.

Severe Threats



Tornado



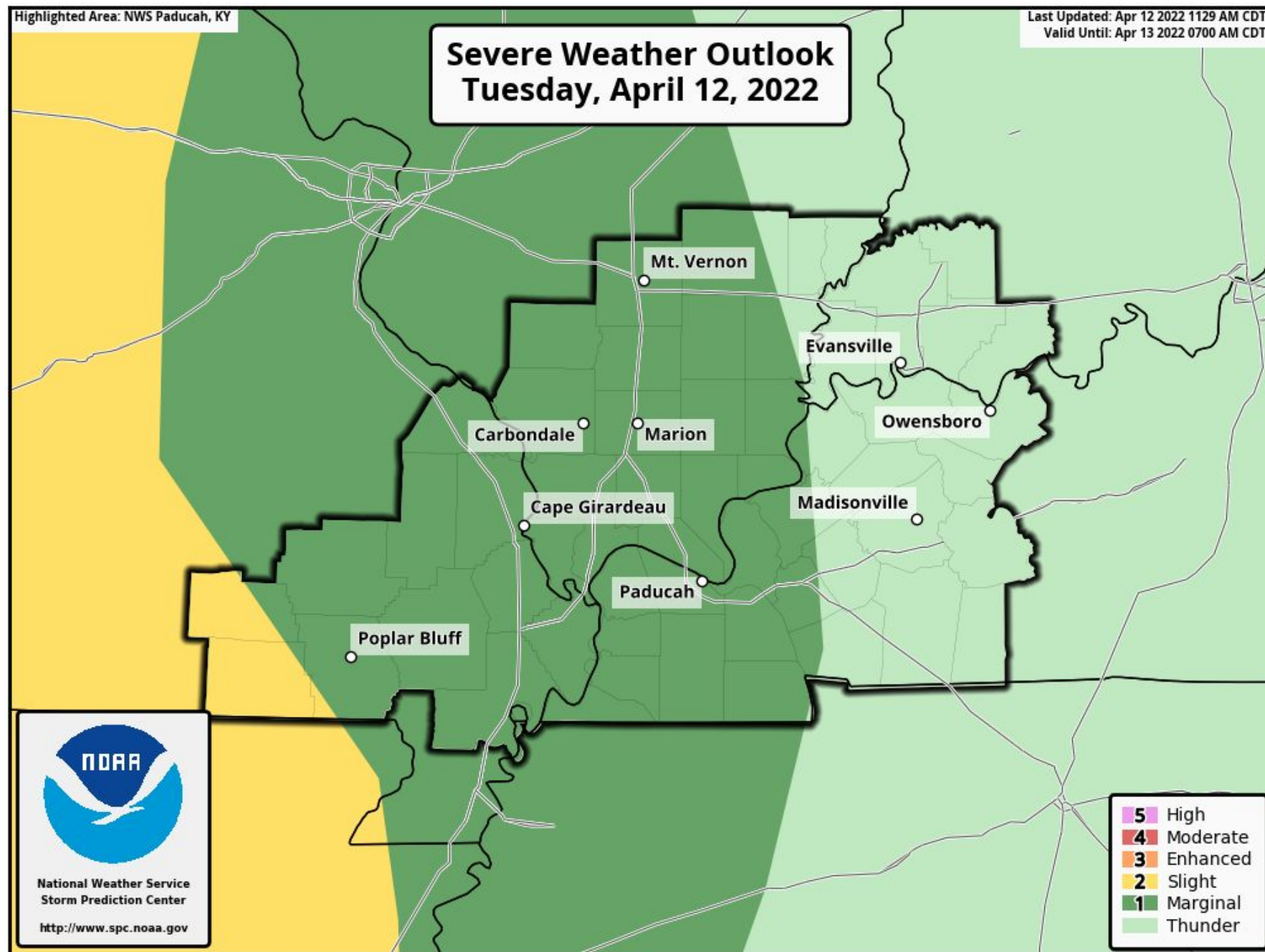
Hail



Wind



Flooding



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Flash Flood Watch

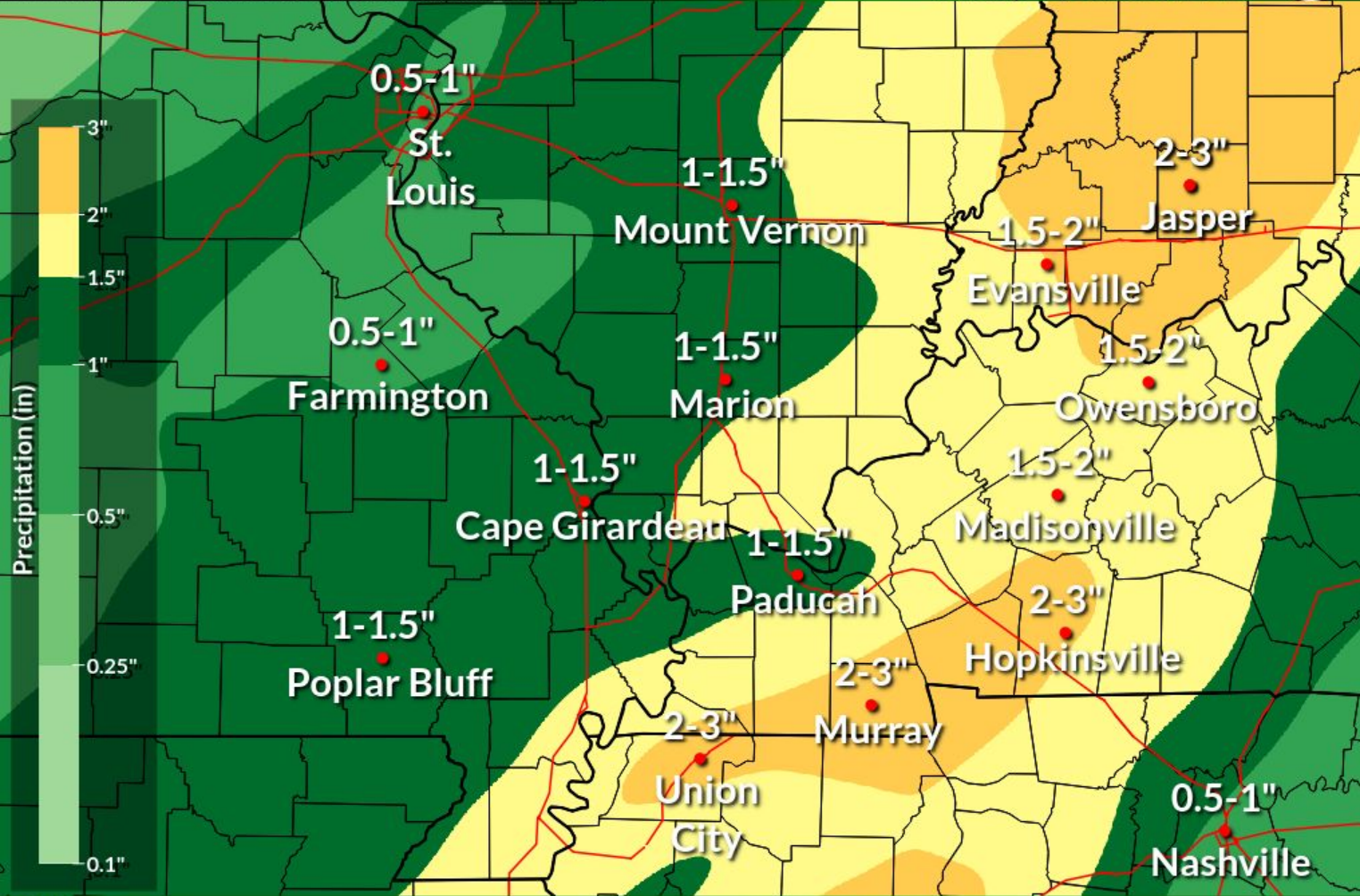
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From Wednesday Morning through Wednesday Evening

Rainfall Forecast

From Wednesday morning through Wednesday Evening

Weather Forecast Office
Paducah, KY
Issued Apr 12, 2022 1:51 PM CDT



f NWSPaducah

weather.gov/pah

Flood Watch

From Wednesday morning through Wednesday Evening

Weather Forecast Office
Paducah, KY
Issued Apr 12, 2022 2:18 PM CDT



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weather.gov/pah



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National Weather Service
Paducah, Kentucky



Wednesday's Convective Outlook

April 12, 2022
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Severe weather outbreak expected

Timing



Roughly from 1 PM through 9 PM.

Actions



Be weather aware and ready to act.
Have multiple ways to receive
warning information!

Severe Threats



Tornadoes

Several tornadoes possible, some possibly strong.



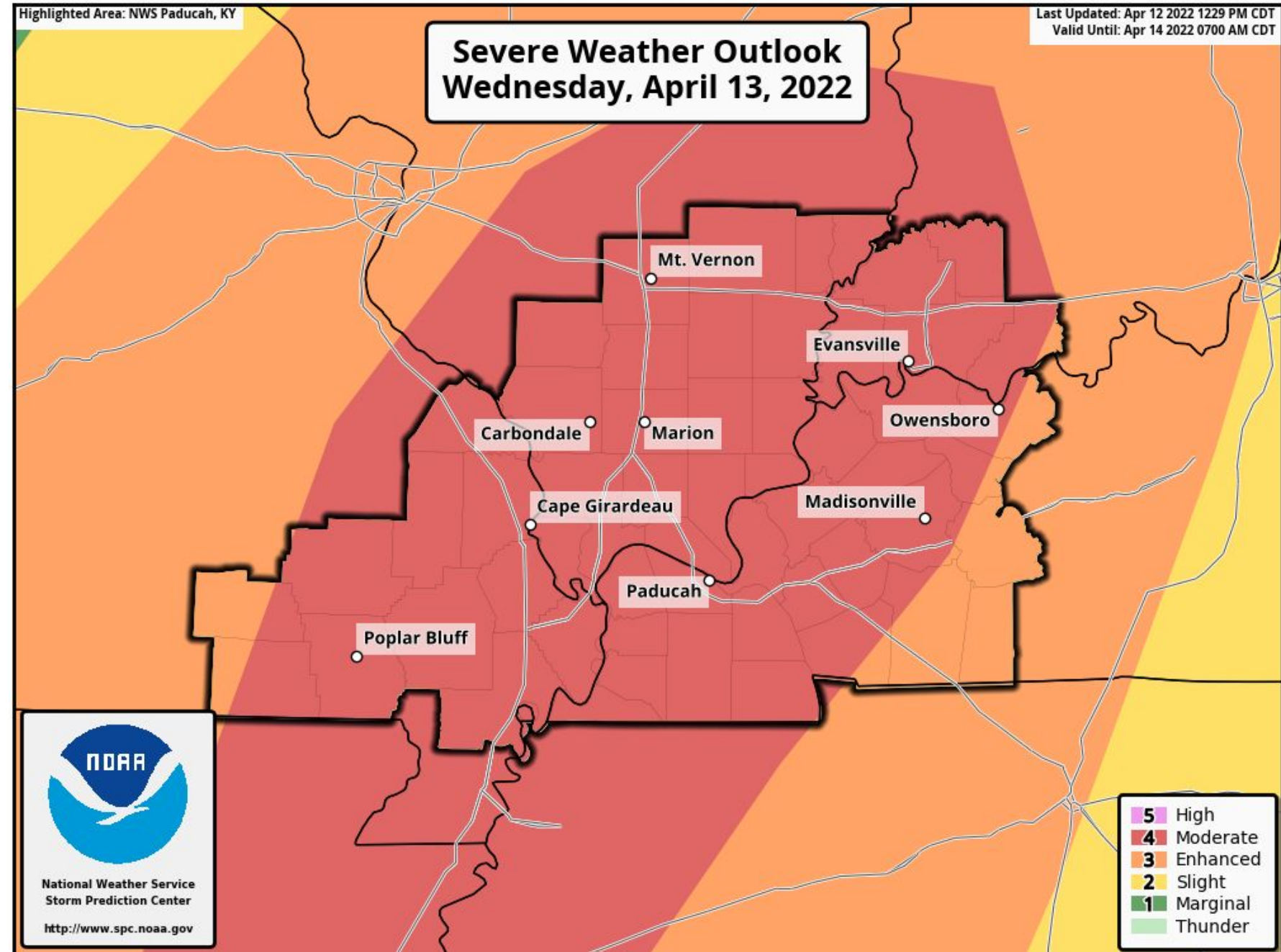
Large Hail

Isolated to scattered hail up to 2" possible.



Damaging Wind

Widespread gusts of 60 to 80 mph
expected.



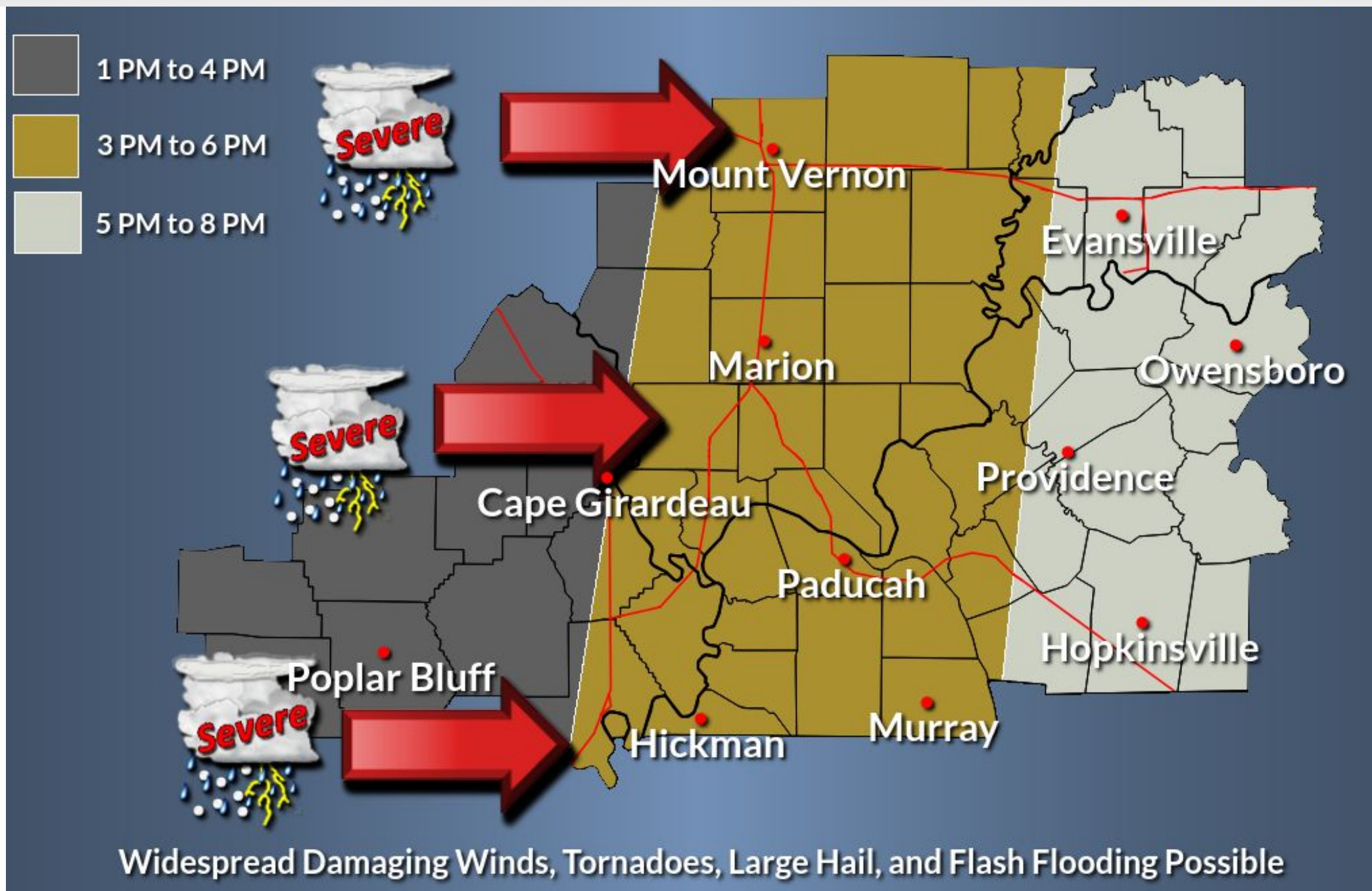
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Timing Graphic

April 12, 2022
2:37 PM





Other Considerations

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Forecast Confidence Levels

Timing



Location



Impacts



Confidence Details

- Confidence in timing is medium-high. Timing for the main round of storms looks to be from the afternoon into the evening.
- Confidence in location and impacts is high. The entire region is under the threat for severe weather. Widespread damaging wind gusts are likely. Large hail, tornadoes, and flash flooding all possible too.

Alternate Scenarios

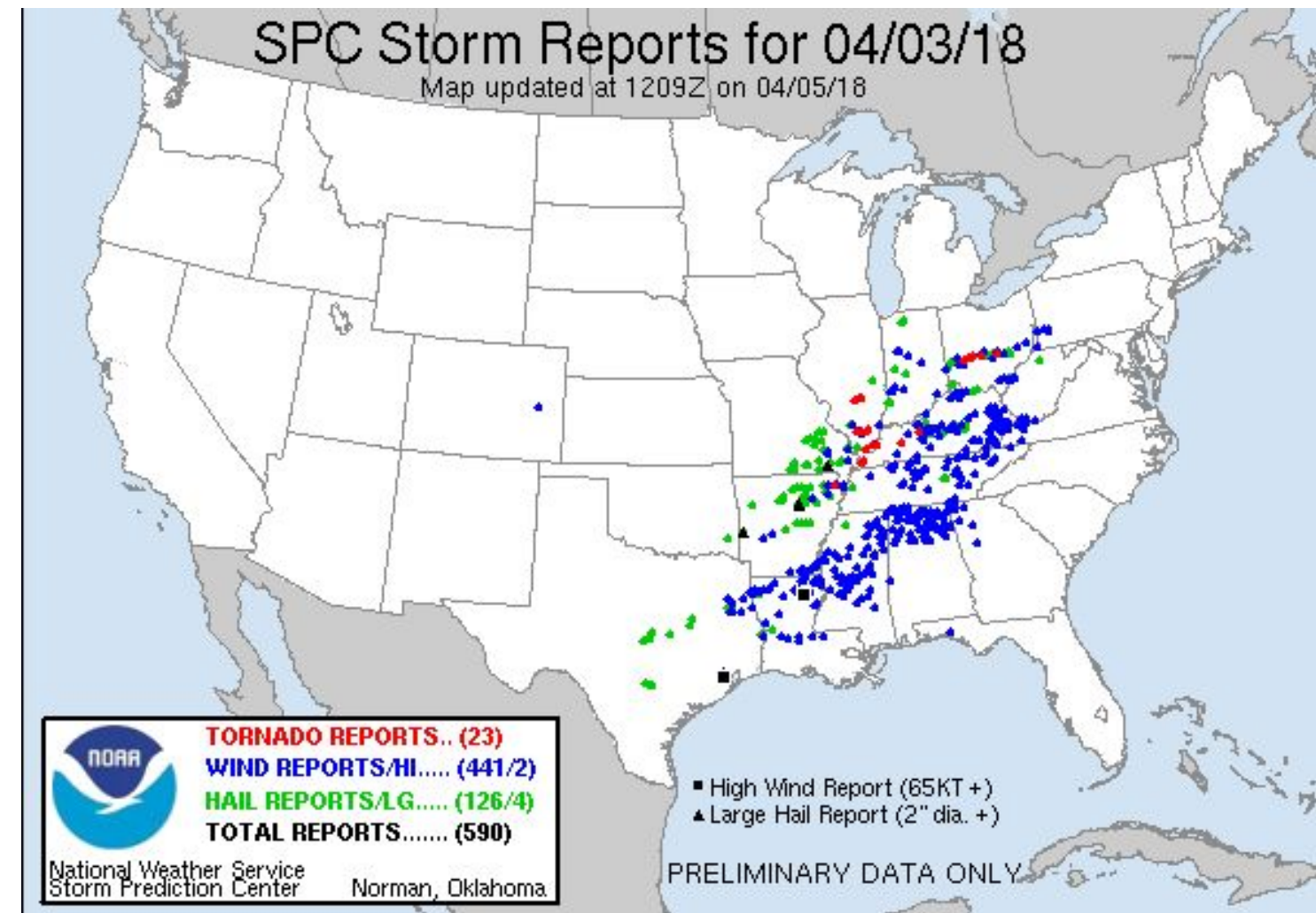
- If discrete storms develop ahead of the main line of thunderstorms in the afternoon, the threat of strong/long-track tornadoes will increase.
- If these discrete storms do not develop, the tornado threat will be more brief in nature as they will be embedded within the squall line.





Historical Comparison

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April 3, 2018: Several tornadoes in the NWS Paducah forecast area, including two EF-2 tornadoes in southern Illinois.